

ITD Infrastructure and Revenue Trends with Buying Power

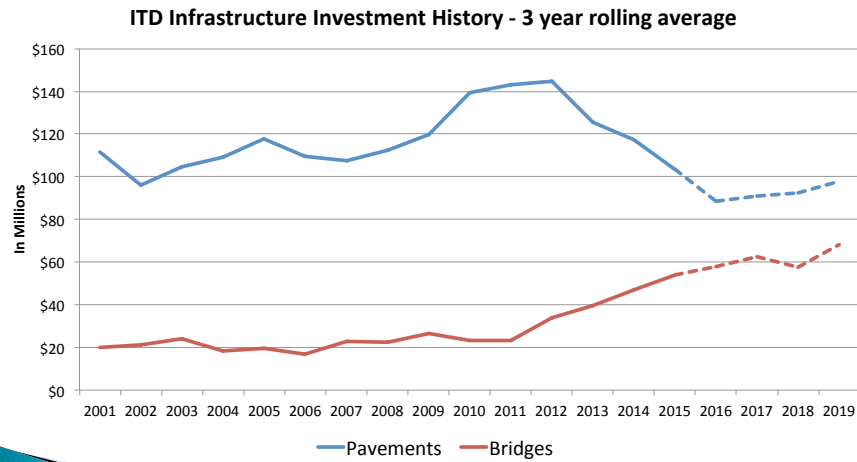
1

Outline

- ▶ Investment in ITD Infrastructure System (history)
- ▶ System Condition
- ▶ ITD Trends
- ▶ Federal Highway Trust Fund
- ▶ State Funding Trends
 - Fuel Tax History
 - State Highway Account and Highway Distribution Account
- ▶ Buying Power
 - State Funds
 - Federal Funds
 - Specific Item Impact

2

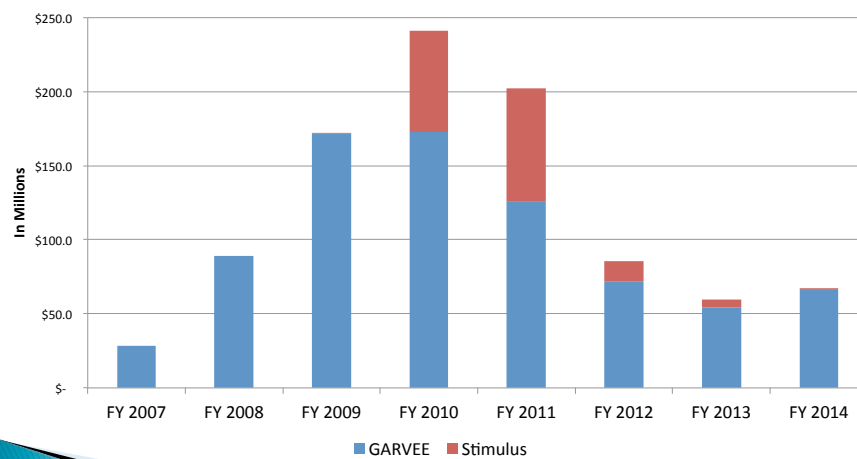
ITD Investment in Infrastructure



Note: Does not include Stimulus or GARVEE

3

ITD GARVEE & Stimulus Investment History



4

Safety Benefits of GARVEE and Stimulus

GARVEE Statewide

	Crash Reduction
• Fatality Crashes	25%
• Serious Injury Crashes	50%
• Total Crashes	35%

Source: 2014 Annual GARVEE Report

Stimulus Program

I-84, Vista Ave. Interchange

	3 Years Before	3 Years After	Crash Reduction
Injury Crashes	27	15	44%
Fatal Crashes	2	0	100%

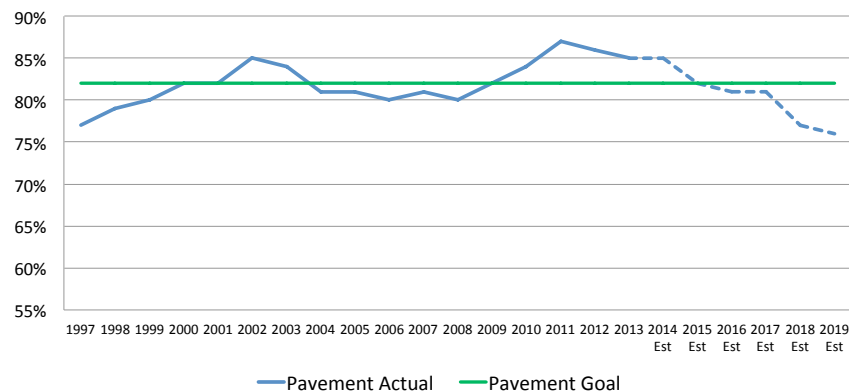
U.S. 95, Wyoming Ave. to SH-53

	3 Years Before	3 Years After	Crash Reduction
Injury Crashes	11	10	9%
Fatal Crashes	1	0	100%

5

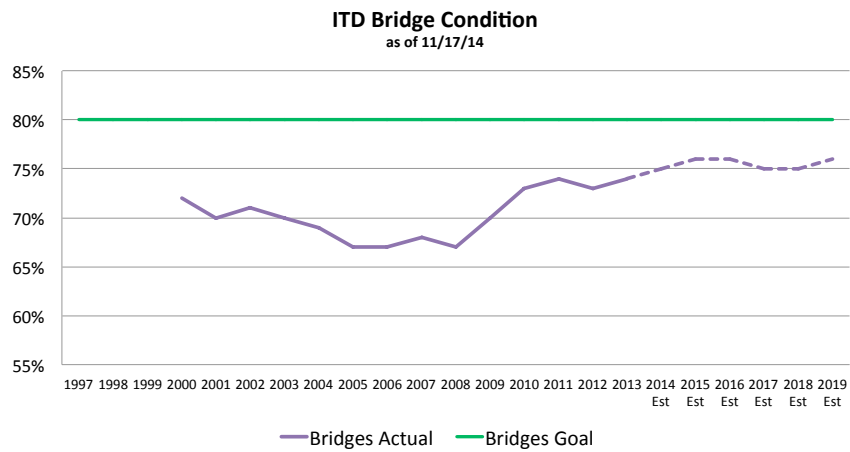
Pavement Surface Condition with Projection

ITD Pavement Surface Condition
as of 11/17/14



6

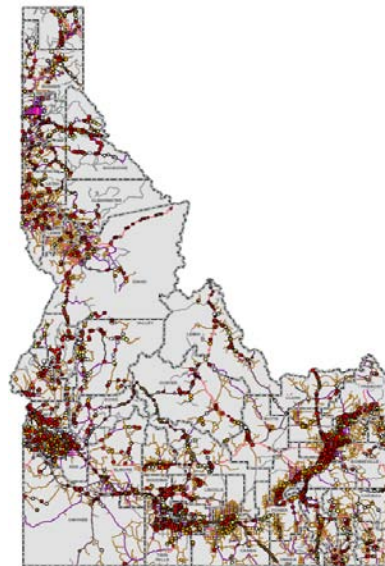
Bridge Condition with Projection



7

Idaho's Bridges

- ▶ State and Local Bridges
 - Total Count: 4,198
- ▶ Red dots = 50 years
+ Old



8

Financial information



9

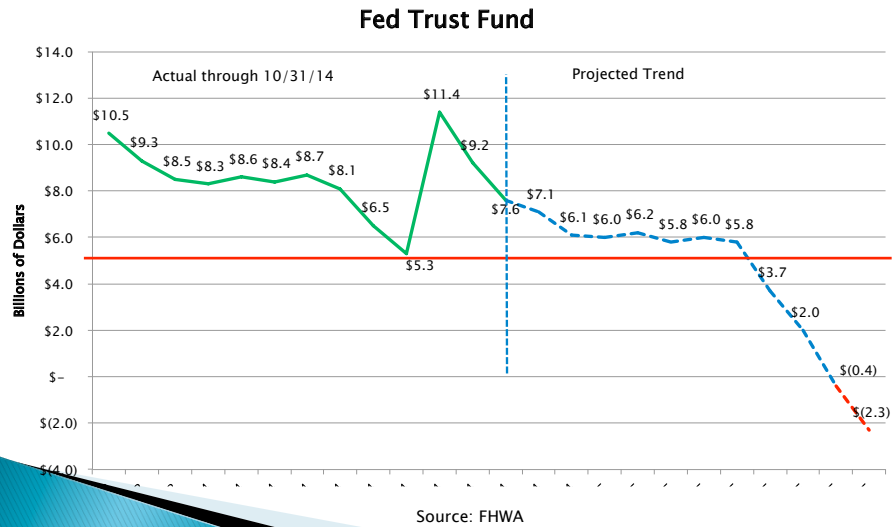
ITD Trends

Trend Indicator	Actual Numbers During 1997	Actual Numbers During 2013	Percent Total 16 Year Growth	Avg Annual Growth for 1997 - 2013	Comments
Annual VMT (in millions)	13,112	15,877	21.1%	1.3%	Growth faster than gallons; Increased MPG leads to lower revenue
Passenger Cars Registered	1,123,682	1,248,578	11.1%	0.7%	More miles driven on each vehicle; lower growth in registration revenue
Drivers Licenses in Force	852,205	1,111,485	30.4%	1.9%	Growth lower than population
Lane Miles - State System	11,737	12,284	4.7%	0.3%	Very little change
Population	1,210,638	1,612,136	33.2%	2.1%	Leading growth indicator
Gallons of Highway Fuel Consumed*	771,559,849	901,801,416	16.9%	1.1%	Growth lower than VMT; Increased MPG

*Includes gasoline, diesel, and other highway fuels.

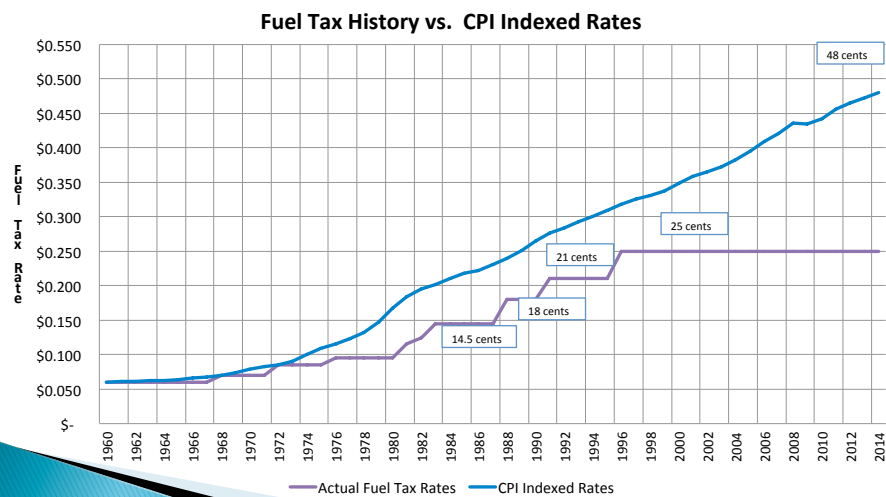
10

Federal Highway Trust Fund Projection



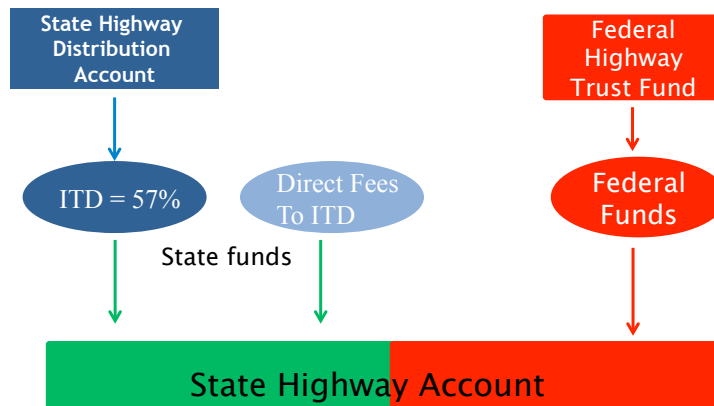
11

Fuel Tax History



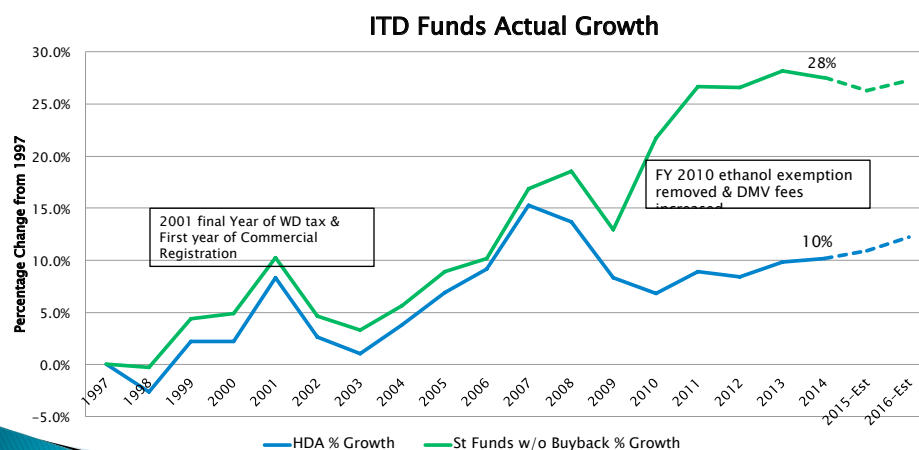
12

ITD Flow of Funds



13

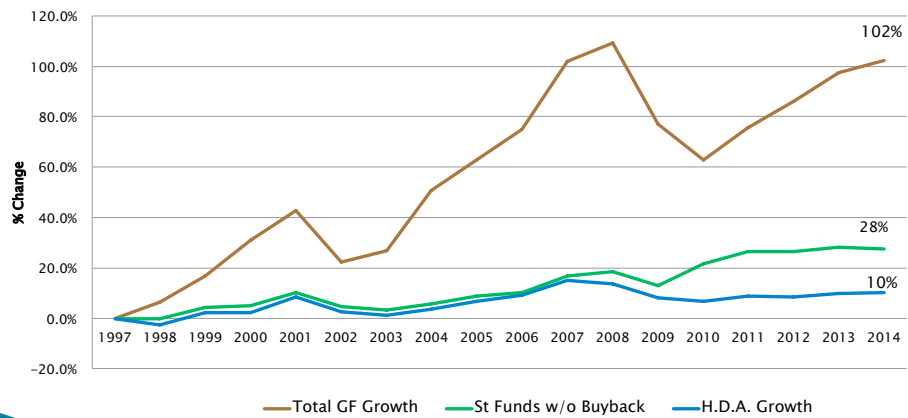
ITD State Funds Historical Growth



14

How Indexed Fund Behaves vs. Fixed Fund

General Fund Growth vs. ITD State Funds Growth



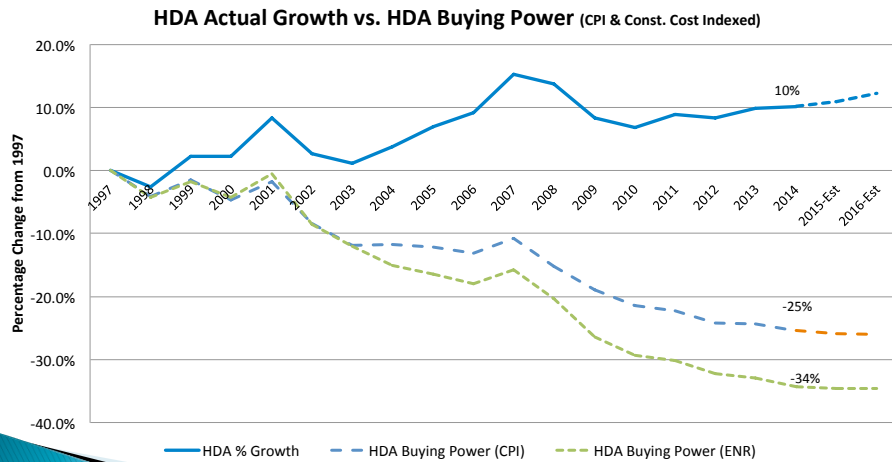
15

Buying power



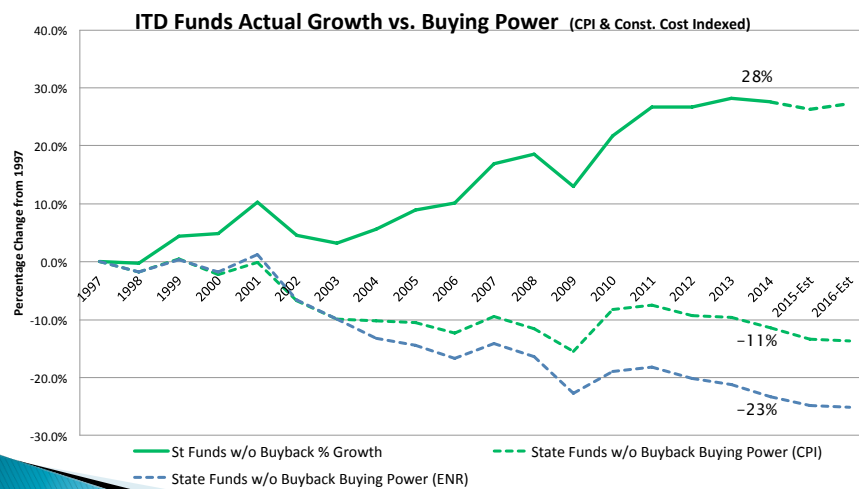
16

H.D.A Buying Power



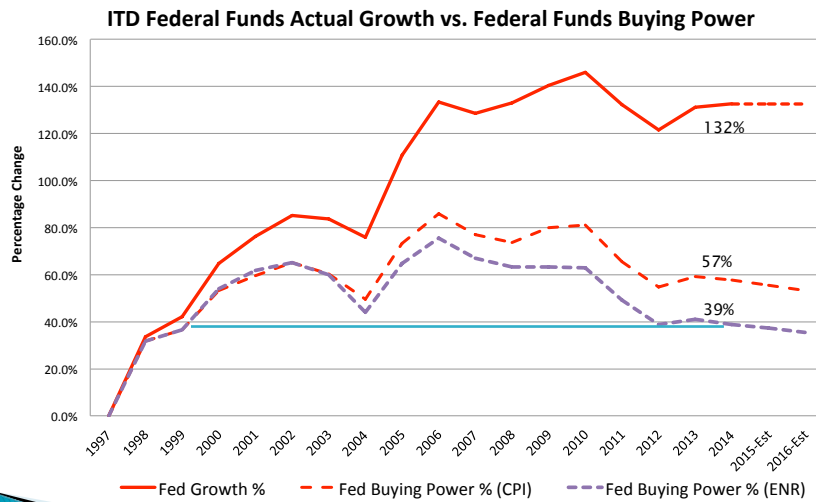
17

ITD State Funds Buying Power



18

Federal Funds to Buying Power



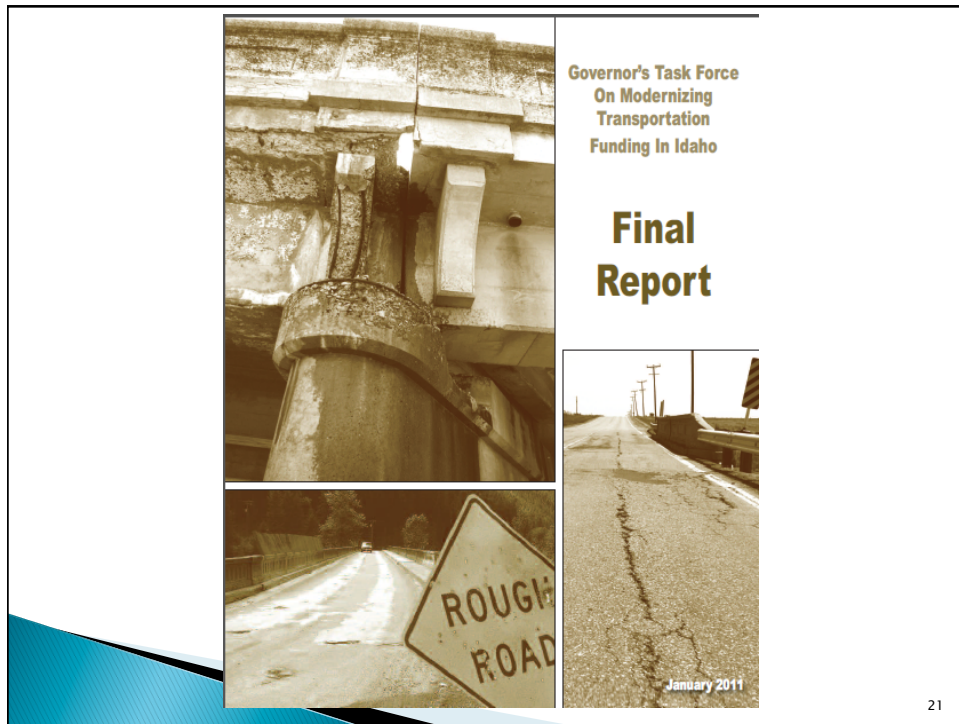
19

Buying Power on Select Items

Item	Price 1997	Price 2014	Increase	2014 Price in 1997 Buying Power (CPI)	2014 Price in 1997 Buying Power (ENR)**
Idaho Fuel Tax Rate (July)	\$ 0.25	\$ 0.25	0%	\$ 0.17	\$ 0.15
Consumer Inflation (CPI)	\$ 1.00	\$ 1.48	48%	\$ 1.00	\$ 0.88
Construction Cost Index (ENR)**	\$ 1.00	\$ 1.68	68%	\$ 1.14	\$ 1.00
Asphalt Pavement (ton) *	\$ 48.98	\$ 126.24	158%	\$ 85.30	\$ 75.14
Concrete (cy) *	\$ 362.00	\$ 788.00	118%	\$ 532.43	\$ 469.05
Steel Rebar (lb) *	\$ 0.55	\$ 1.28	133%	\$ 0.86	\$ 0.76
Bridge Cost / Sq. Ft.	\$ 96.50	\$ 172.46	79%	\$ 116.53	\$ 102.65
ITD 1/2 ton pick-up	\$ 13,650	\$ 22,000	61%	\$ 14,865	\$ 13,095
ITD 10-Wheel Snow Plow	\$ 90,000	\$ 195,000	117%	\$ 131,757	\$ 116,071
H.D.A. to ITD for FY 97 (in '000)	\$ 163,948	\$ 180,638	10%	\$ 122,053	\$ 107,523

* NOTE: Base year is 2000 **Engineering News-Record

20



Questions?